

10/674381

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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.39055CX1	SERIAL NO. TDD 501.39055CX1
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		<b>APPLICANT</b> HASEGAWA, et al.	
		<b>FILING DATE</b> October 1, 2003	<b>GROUP</b> 1756

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
SPM	AA 3,942,981	3-9-76	Sato	-	-	
SPM	AB 4,242,438	12-30-80	Sato	-	-	
SPM	AC 4,405,701	9-20-83	Banks, et al.	-	-	
SPM	AD 5,250,983	1-5-93	Yamamura 10/93	-	-	
SPM	AE 5,262,257	11-16-93	Fukuda, et al.	-	-	
SPM	AF 5,324,600	6-28-94	Jimbo, et al.	-	-	
SPM	AG 5,366,913	11-22-94	Nakao	-	-	
SPM	AH 5,419,872	5-30-95	Kawaguchi, et al.	-	-	
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SPM	AJ 5,629,113	5-13-97	Watanabe	-	-	
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SPM	AL 5,881,125	3-9-99	Dao	-	-	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract/ Translation	
						Yes	No
SPM	AM 62-31855	2-10-87	Japan	-	-	X	
SPM	AN 63-71853	4-1-88	Japan	-	-	X	
SPM	AO 63-80258	4-11-88	Japan	-	-	X	
SPM	AP 1-102567	4-20-89	Japan	-	-	X	
SPM	AQ 2-47655	2-16-90	Japan	-	-	X	
SPM	AR 3-45950	2-27-91	Japan	-	-	X	
SPM	AS 4-58245	2-25-92	Japan	-	-	X	
SPM	AT 5-232674	9-10-93	Japan	-	-	X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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Examiner	Mohamedulla
Date Considered	1/16/05

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